



09-24-01

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GP/2664

PATENT DOCKET 205,207

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BEN-AMI **EXAMINER:**
SERIAL NO.: 09/879,524 **ART UNIT:** 2664
FILED: June 12, 2001
FOR: SMART SWITCHES

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SEP 27 2001
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STATEMENT OF FILING BY EXPRESS MAIL 37 C.F.R. § 1.10

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INFORMATION DISCLOSURE STATEMENT

**Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231**

Sir:

This Information Disclosure Statement (hereinafter sometimes referred to as "IDS") is submitted in accordance with 37 C.F.R. §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. §1.97, as it is filed:

(Check one of the boxes opposite A-D)

☐ A. within three months of the filing date of the above-identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in the above-identified international application.

☒ B. before the mailing date of a first office action on the merits.

☐ C. after the times set forth in (A) and (B) above, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a notice of allowance under 37 C.F.R. §1.311, and the necessary statement pursuant to 37 C.F.R. §1.97(e) appears below (see box "i") or the necessary fee is enclosed (see box "ii" below).

(check one of the boxes opposite "i" or "ii" below)

☐ i. (check the applicable statement)

☐ I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I, the undersigned, hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

☐ ii. A check for the fee set forth in 37 C.F.R. §1.17(p), presently believed to be \$ 240.00, is enclosed.

☐ D. after the times set forth in (A), (B), and (C) above, but before payment of the issue fee, since Applicant petitions for the consideration of this Information Disclosure Statement by a petition enclosed herewith pursuant to 37 C.F.R. §1.97(d)(2), a check for the petition fee set forth in 37 C.F.R. §1.17(i), presently believed to be \$ 130.00, is enclosed, and the necessary statement pursuant to 37 C.F.R. §1.97(e) appears below:

(check the applicable statement)

☐ I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I, the undersigned, hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge

after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

2. In accordance with 37 C.F.R. §1.98(a)(1), this IDS includes a list on form PTO-1449 of all patents, publications, or other information submitted for consideration by the Office, incorporated into this IDS as an attachment hereto. Pursuant to 37 C.F.R. §1.98(b): (i) each U.S. patent listed is identified by patentee, patent number, and issue date; (ii) each foreign patent or published foreign patent application is identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application; and (iii) each publication is identified by author (if any), title, relevant pages of the publication, date, and place of publication. A legible copy of each document listed is attached and incorporated into this IDS, except that no copy of any U.S. patent application is included pursuant to 37 C.F.R. §1.98(a)(2)(iii) and except as explained below.

(check the boxes opposite A and/or B and fill in blanks, if appropriate)

☐ A. Document(s) _____ is (are) substantively cumulative to document(s) _____, and, in accordance with 37 C.F.R. §1.98(c), only a copy of each of the latter document(s) is (are) attached.

☒ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon for an earlier filing date under 35 U.S.C. §120:

USSN 08/889,199 filed July 8, 1997

These documents are identified by attaching hereto copies of the forms PTO-892 and/or PTO-1449 from the files of the prior application(s) and Applicant requests that they be considered and made of record in this application in accordance with 37 C.F.R. §1.98(d). Pursuant to 37 C.F.R. §1.98(d), copies of these documents need not be provided with this IDS.

(check paragraphs 3 and/or 4, if applicable)

☐ 3. Document(s) _____ is (are) not in the English language. In accordance with 37 C.F.R. §§1.98(a)(3), 1.98(c), it is stated that:

(check the applicable statement(s))

☐ English translation(s) of the document(s) _____ (or of the pertinent portions thereof) is (are) enclosed and, thus no concise explanation of their relevance is required, (see M.P.E.P., §609, p. 600-92).

☐ English-language equivalent(s) of the document(s) _____ (or of the pertinent portions thereof) which is (are) in fact translation(s) of the document(s) is (are) enclosed.

☐ The attached English-language version of a search report or other action by a foreign patent office in a counterpart foreign application which cites document(s) __ and which indicates the degree of relevance found by the foreign office is submitted to satisfy the requirement for a concise explanation of the relevance of the document(s), (see M.P.E.P., §609, p. 600-93).

☐ A concise explanation of the relevance of document(s) _____ is set forth as follows:

[insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) _____ can be found on page(s) _____ of the specification.

☐ A concise explanation of the relevance of document(s) _____ can be found on the attached sheet.

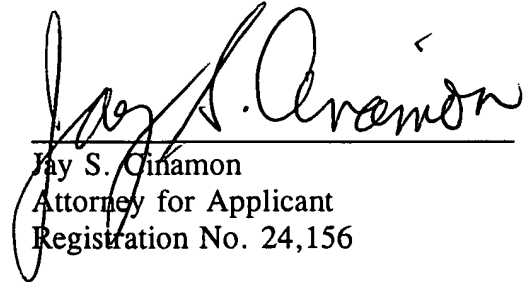
☐ 4. Other information being provided for the Examiner's consideration follows:

[insert other information]

5. In accordance with 37 C.F.R. §§1.97(g),1.97(h), the filing of this IDS shall not be construed as a representation that a search has been made or as an admission that information cited in this IDS is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

6. Please charge any deficiency or other fees or credit any refund or overpayment to Deposit Account No. 01-0035.

Respectfully submitted,



Jay S. Cinamon
Attorney for Applicant
Registration No. 24,156

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New York, NY 10017-5612
(212) 949-9022

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JRM PTO-1449 (Colb)

ATTY DOCKET
203,548

SERIAL NUMBER
08/889,199

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANTS' INFORMATION DISCLOSURE
STATEMENT

APPLICANT
Raphael BEN-AMI

FILING DATE
July 8, 1997

GROUP ART UNIT
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U.S. PATENT DOCUMENTS

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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

1M	AL	WIDEBAND AND BROADBAND DIGITAL CROSS-CONNECT SYSTEMS GENERIC CRITERIA - A MODULE OF TSGR, FR-NWT-000440, Technical Reference TR-NWT-000233, Bellcore: Bell Communications Research, Issue 3, November 1993.
m	AM	ATM FUNCTIONALITY IN SONET DIGITAL CROSS-CONNECT SYSTEMS GENERIC CRITERIA - A MODULE OF TSGR, FR-440, Generic Requirements GR-2891-CORE, Bellcore: Bell Communications Research, Issue 1, August 1995.
h	AN	TYPES AND GENERAL CHARACTERISTICS OF SYNCHRONOUS DIGITAL HIERARCHY (SDH) EQUIPMENT, ITU-T Recommendation G.782, International Telecommunication Union, January 1994.

EXAMINER:

R. Chyn

DATE CONSIDERED:

6/28/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with

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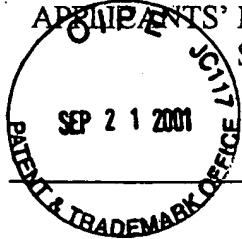
AL	THE ATM REPORT - ASYNCHRONOUS TRANSFER MODE: PRODUCTS, SERVICES, MARKETS AND APPLICATIONS, Broadband Publishing Corporation, 1996.
AM	THE STINGER FAMILY OF ATM SWITCHES, Products and Technology, http://www.scorpio.com/ProductsTech.html ; http://www.scorpio.com/stinger5.html ; http://www.scorpio.com/press.html , 1997.
AN	TRAFFIC CONTROL AND CONGESTION CONTROL IN B-ISDN, ITU Telecommunication Standardization Sector, Study Group 13, ITU-T Recommendation 1.371, November 1995, pp. 1-81.

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DATE CONSIDERED:

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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

<i>AL</i>	AL	DIGITAL CROSS-CONNECT SYSTEMS: STRATEGIES, MARKETS & OPPORTUNITIES THROUGH 2000, The Pelorus Group, November 1996, pp. 1-282.
<i>AM</i>	AM	BROCHURE: 3645 MAINSTREET: High Capacity Bandwidth Manager, Newbridge Networks, Inc.
<i>AN</i>	AN	BROCHURE: 36170 MAINSTREET: High-Capacity ATM Switching, Newbridge Networks, Inc.

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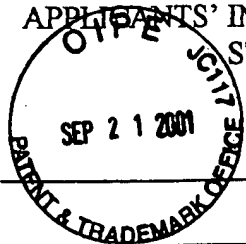
08/889,199

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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

JRM	AL	BROCHURE: 36150 MAINSTREET- Comprehensive Broadband ATM Networking, Newbridge Networks, Inc.
JRM	AM	BROCHURE: 3600 MAINSTREET - Multiplexer, Channel Bank, and Digital Cross-Connect Switch, Newbridge Networks, Inc.
JRM	AN	BROCHURE: ALCATEL 1100 HSS, Series 700, Multiservice Network Switch, Alcatel Data Networks.

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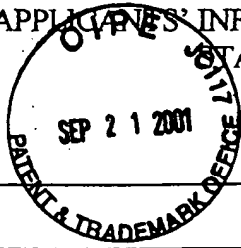
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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	BROCHURE: ALCATEL 1100 LSS, High Performance LAN Switching, Alcatel Data Networks.
AM	ALCATEL 1100 LSS LAN SWITCHING SYSTEM, Product Boilerplate, Version 1.2.1, Alcatel Data Networks, July 1996.
AN	BROCHURE: ALCATEL 1100 HSS - Detailed Product Description, Alcatel Data Networks, July 1996, pp. 35-38.

EXAMINER:

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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

<i>pu</i>	AL	BROCHURE: ALCATEL 1644 SX - 140/155 Mbit/s ports, Network Cross-Connect, Alcatel Data Networks.
<i>pu</i>	AM	BROCHURE: ALCATEL 1641 SX, Synchronous 4-3-1 Cross-Connect-System, Alcatel Data Networks.
<i>pu</i>	AN	BROCHURE: SIEMENS EWSX PRESS 36190: ATM Core Switch, Issued by the Public Communication Network Group Broadband Networks, Germany.

EXAMINER:

DATE CONSIDERED:

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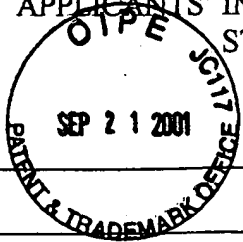
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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

<i>m</i>	AL	BROCHURE: SIEMENS SWITCHING FACILITY CC155 FOR NETWORK NODE NK2000.
<i>m</i>	AM	BROCHURE: RN64 Time Division Digital Cross-Connect Equipment, Alcatel Data Network Systems.
<i>m</i>	AN	NETWORK SOLUTIONS TELLABS: TITAN DIGITAL CROSS-CONNECT SYSTEMS, http://www.tellabs.com/solutions/titan.html#vpnm , pp. 1-6.

EXAMINER:

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LIST OF PATENTS AND PUBLICATIONS FOR
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STATEMENT

APPLICANT
Raphael BEN-AMI

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July 3, 1997

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OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AN	AL	Kwang-Ting Cheng, et al., "ON THE JOINT VIRTUAL PATH ASSIGNMENT AND VIRTUAL CIRCUIT ROUTING PROBLEM IN ATM NETWORKS", Proceedings of the Global Telecommunications Conference, San Francisco, November 28 - December 2, 1994, pp. 777-782.					
AM	AM	Yener B. et al., "ATOPOLOGICAL DESIGN OF LOSS-FREE SWITCH-BASED LANS", Proceedings of Infocom '95 - Conference on Computer Communications, Boston, April 2-6, 1995, pp. 88-96.					
	AN						

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5/24/99

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